



**STATE OF MISSOURI**

**CHILDREN'S HEALTH INSURANCE  
PROGRAM AND SHOW ME  
HEALTHY BABIES**

**APPENDICES**

**DEPARTMENT OF SOCIAL SERVICES**

**DECEMBER 2022**

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## APPENDIX 1: CHIP PREMIUMS

CHIP PREMIUM CHART EFFECTIVE JULY 1, 2022			
FAMILY SIZE	PERCENT OF FPL	MONTHLY INCOME	PREMIUM AMOUNT
1	>150	\$1,699.00 to \$2,096.00	\$16
1	>185	\$2,096.01 to \$2,549.00	\$52
1	>225	\$2,549.01 to \$3,398.00	\$127
2	>150	\$2,289.00 to \$2,823.00	\$21
2	>185	\$2,823.01 to \$3,434.00	\$70
2	>225	\$3,434.01 to \$4,578.00	\$172
3	>150	\$2,879.00 to \$3,551.00	\$27
3	>185	\$3,551.01 to \$4,319.00	\$88
3	>225	\$4,319.01 to \$5,758.00	\$216
4	>150	\$3,469.00 to \$4,279.00	\$32
4	>185	\$4,279.01 to \$5,204.00	\$106
4	>225	\$5,204.01 to \$6,938.00	\$260
5	>150	\$4,059.00 to \$5,006.00	\$38
5	>185	\$5,006.01 to \$6,089.00	\$125
5	>225	\$6,089.01 to \$8,118.00	\$304
6	>150	\$4,649.00 to \$5,734.00	\$43
6	>185	\$5,734.01 to \$6,974.00	\$142
6	>225	\$6,974.01 to \$9,298.00	\$349
7	>150	\$5,239.00 to \$6,462.00	\$49
7	>185	\$6,462.01 to \$7,859.00	\$161
7	>225	\$7,859.01 to \$10,478.00	\$393
8	>150	\$5,829.00 to \$7,189.00	\$54
8	>185	\$7,189.01 to \$8,744.00	\$178
8	>225	\$8,744.01 to \$11,658.00	\$437
9	>150	\$6,419.00 to \$7,917.00	\$60
9	>185	\$7,917.01 to \$9,629.00	\$197
9	>225	\$9,629.01 to \$12,838.00	\$481
Premium information for family sizes of 10+ is available upon request			

## APPENDIX 2 : MEDICAID AND CHIP ENROLLMENT BY COUNTY (EXCLUDES SMHB)

DECEMBER 2021

COUNTY	MEDICAID/CHIP (NON-PREMIUM)	CHIP (NON-PREMIUM)	CHIP (PREMIUM)	TOTAL
Adair	328	2	225	555
Andrew	177	1	100	278
Atchison	45	-	38	83
Audrain	394	7	184	585
Barry	635	-	254	889
Barton	197	1	93	291
Bates	291	4	131	426
Benton	268	-	152	420
Bollinger	215	1	91	307
Boone	1,766	8	1,056	2,830
Buchanan	975	4	653	1,632
Butler	694	5	440	1,139
Caldwell	142	-	59	201
Callaway	460	-	278	738
Camden	684	3	387	1,074
Cape Girardeau	792	7	556	1,355
Carroll	115	-	66	181
Carter	77	2	42	121
Cass	1,243	11	1,003	2,257
Cedar	230	-	115	345
Chariton	91	-	53	144
Christian	1,683	10	1,165	2,858
Clark	79	4	45	128
Clay	2,371	12	1,738	4,121

COUNTY	MEDICAID/CHIP (NON-PREMIUM)	CHIP (NON-PREMIUM)	CHIP (PREMIUM)	TOTAL
Clinton	139	-	165	304
Cole	725	7	512	1,244
Cooper	183	-	113	296
Crawford	362	-	252	614
Dade	108	1	59	168
Dallas	232	-	185	417
Daviess	95	-	98	193
DeKalb	63	-	78	141
Dent	228	6	154	388
Douglas	257	-	158	415
Dunklin	334	4	258	596
Franklin	1,130	2	680	1,812
Gasconade	133	6	142	281
Gentry	83	-	74	157
Greene	3,116	20	2,433	5,569
Grundy	85	5	60	150
Harrison	106	1	98	205
Henry	187	1	226	414
Hickory	44	-	58	102
Holt	38	-	33	71
Howard	83	-	115	198
Howell	574	2	479	1,055
Iron	106	5	59	170
Jackson	6,596	75	5,240	11,911
Jasper	1,597	5	1,009	2,611
Jefferson	1,797	9	1,557	3,363
Johnson	192	3	372	567
Knox	47	-	34	81

COUNTY	MEDICAID/CHIP (NON-PREMIUM)	CHIP (NON-PREMIUM)	CHIP (PREMIUM)	TOTAL
Laclede	459	2	427	888
Lafayette	199	1	292	492
Lawrence	376	1	363	740
Lewis	50	1	66	117
Lincoln	532	5	469	1,006
Linn	92	-	94	186
Livingston	127	-	121	248
Macon	161	2	146	309
Madison	101	-	96	197
Maries	74	3	50	127
Marion	323	1	235	559
McDonald	302	6	186	494
Mercer	11	-	39	50
Miller	265	3	273	541
Mississippi	104	-	116	220
Moniteau	148	2	135	285
Monroe	77	-	72	149
Montgomery	96	3	115	214
Morgan	196	1	257	454
New Madrid	203	2	115	320
Newton	566	2	555	1,123
Nodaway	112	2	154	268
Oregon	127	3	129	259
Osage	57	2	66	125
Ozark	103	-	69	172
Pemiscot	96	-	123	219
Perry	163	-	154	317
Pettis	500	4	412	916

COUNTY	MEDICAID/CHIP (NON-PREMIUM)	CHIP (NON-PREMIUM)	CHIP (PREMIUM)	TOTAL
Phelps	367	5	343	715
Pike	168	-	136	304
Platte	409	7	646	1062
Polk	241	3	322	566
Pulaski	254	3	302	559
Putnam	44	-	41	85
Ralls	43	3	72	118
Randolph	221	-	199	420
Ray	141	-	137	278
Reynolds	59	-	54	113
Ripley	125	1	165	291
Saline	212	4	124	340
Schuyler	49	-	40	89
Scotland	39	2	62	103
Scott	408	6	319	733
Shannon	129	-	68	197
Shelby	47	-	52	99
St. Charles	2,075	25	2,007	4,107
St. Clair	90	1	57	148
St. Francois	488	7	538	1033
Ste. Genevieve	86	-	97	183
St. Louis City	3,938	17	1,332	5,287
St. Louis Co.	6,044	52	5,362	11,458
Stoddard	289	5	334	628
Stone	258	5	335	598
Sullivan	46	1	65	112
Taney	558	5	620	1,183
Texas	242	1	233	476

COUNTY	MEDICAID/CHIP (NON-PREMIUM)	CHIP (NON-PREMIUM)	CHIP (PREMIUM)	TOTAL
Vernon	200	1	178	379
Warren	223	6	250	479
Washington	201	6	192	399
Wayne	127	-	87	214
Webster	626	13	460	1,099
Worth	13	-	7	20
Wright	226	1	193	420
Other	58	-	41	99
<b>Total</b>	<b>56,956</b>	<b>460</b>	<b>44,424</b>	<b>101,840</b>

## APPENDIX 3 : SMHB ENROLLMENT BY COUNTY

DECEMBER 2022

COUNTY	SMHB	COUNTY	SMHB	COUNTY	SMHB
Adair	23	Cole	25	Johnson	9
Andrew	7	Cooper	6	Knox	2
Atchison	3	Crawford	7	Laclede	20
Audrain	12	Dade	2	Lafayette	14
Barry	27	Dallas	6	Lawrence	26
Barton	4	Daviess	2	Lewis	4
Bates	6	DeKalb	4	Lincoln	20
Benton	5	Dent	2	Linn	4
Bollinger	2	Douglas	5	Livingston	1
Boone	76	Dunklin	18	Macon	6
Buchanan	66	Franklin	30	Madison	7
Butler	22	Gasconade	6	Maries	1
Caldwell	1	Gentry	1	Marion	15
Callaway	11	Greene	152	McDonald	29
Camden	18	Grundy	4	Mercer	3
Cape Girardeau	39	Harrison	3	Miller	12
Carroll	1	Henry	6	Mississippi	6
Carter	4	Hickory	3	Moniteau	3
Cass	49	Holt	4	Monroe	3
Cedar	2	Howard	4	Montgomery	3
Chariton	3	Howell	12	Morgan	10
Christian	41	Iron	0	New Madrid	5
Clark	3	Jackson	611	Newton	61
Clay	93	Jasper	131	Nodaway	6
Clinton	2	Jefferson	60	Oregon	4

COUNTY	SMHB	COUNTY	SMHB
Osage	3	Stone	13
Ozark	1	Sullivan	5
Pemiscot	4	Taney	39
Perry	6	Texas	5
Pettis	45	Vernon	8
Phelps	24	Warren	18
Pike	7	Washington	3
Platte	51	Wayne	4
Polk	9	Webster	14
Pulaski	14	Worth	1
Putnam	1	Wright	6
Ralls	4		
Randolph	7	<b>Total</b>	<b>2,923</b>
Ray	7		
Reynolds	1		
Ripley	6		
Saline	17		
Schuyler	1		
Scotland	4		
Scott	7		
Shannon	0		
Shelby	3		
St. Charles	106		
St. Clair	1		
St. Francois	15		
St. Louis City	<b>173</b>		
St. Louis Co.	375		
Ste. Genevieve	5		
Stoddard	17		

## APPENDIX 4: HOSPITALIZATION AND ER UTILIZATION RATES BY PAYER/ PROGRAM (2001–2020)

PREVENTABLE HOSPITALIZATIONS AGE <19 BENCHMARK = 7.2/1,000 POP.						
POPULATION	CY	EASTERN	CENTRAL	WESTERN	SOUTHWEST	STATE
CHIP	2001	9.9	8.8	6.7	10.5	9.4
	2002	6.8	9.2	8.9	10.0	8.9
	2003	6.7	6.6	8.2	9.9	8.0
	2004	7.0	7.0	6.9	8.8	7.7
	2005	7.5	6.4	6.2	8.4	7.5
	2006	8.2	8.1	6.3	9.2	8.2
	2007	8.7	6.3	7.7	7.7	7.8
	2008	11.1	8.3	7.3	8.9	9.1
	2009	13.4	8.0	10.0	10.6	10.9
	2010	10.7	7.1	8.4	9.0	9.1
	2011	10.8	6.9	6.2	8.9	8.6
	2012	10.9	6.6	5.6	9.6	8.7
	2013	7.7	4.9	7.8	7.3	7.2
	2014	8.5	5.2	5.4	7.2	6.9
	2015	7.2	5.7	5.7	6.5	6.4
	2016	4.3	6.8	4.2	5.3	5.0
	2017	5.3	5.8	6.0	4.2	5.4
	2018	6.6	4.9	5.9	3.5	5.4
	2019	9.3	7.1	8.3	6.0	7.8
	2020	7.6	4.6	5.1	3.3	5.3
Change from 2001 to 2020		-23.2%	-47.7%	-23.9%	-68.6%	-43.6%
Non-MO HealthNet	2001	6.0	5.6	5.0	6.1	5.8
	2002	5.9	6.4	5.1	6.2	5.9
	2003	5.7	6.1	4.7	5.8	5.5
	2004	6.1	6.3	4.6	6.2	5.8
	2005	6.5	7.0	4.9	6.5	6.2
	2006	5.9	5.8	4.5	5.9	5.5

PREVENTABLE HOSPITALIZATIONS AGE <19 BENCHMARK = 7.2/1,000 POP.						
POPULATION	CY	EASTERN	CENTRAL	WESTERN	SOUTHWEST	STATE
	2007	5.9	5.2	4.6	5.0	5.6
	2008	6.0	5.7	3.9	5.4	5.3
	2009	6.5	5.8	3.9	5.7	5.6
	2010	5.8	5.1	3.7	4.4	4.9
	2011	5.7	5.2	4.0	4.9	5.0
	2012	5.6	4.3	3.9	5.6	5.1
	2013	4.7	4.5	3.9	4.6	4.5
	2014	4.8	4.1	4.1	4.0	4.3
	2015	5.4	4.8	4.5	5.7	5.2
	2016	4.3	4.6	4.0	4.2	4.3
	2017	4.6	4.7	4.3	4.2	4.5
	2018	5.0	5.3	4.2	4.1	4.7
	2019	4.7	4.3	4.1	3.4	4.3
	2020	3.3	3.4	3.2	2.6	3.2
Change from 2001 to 2020		-45.0%	-39.3%	-36.0%	-57.4%	-44.8%
MO HealthNet	2001	14.9	15.0	12.1	19.3	16.1
	2002	13.7	14.8	12.0	18.2	15.2
	2003	13.5	13.7	10.4	16.8	14.2
	2004	12.8	12.5	10.6	16.1	14.0
	2005	13.3	14.5	11.3	17.0	14.5
	2006	14.3	14.7	11.3	17.7	15.0
	2007	14.3	13.6	11.1	17.1	14.7
	2008	16.5	13.5	10.6	17.1	15.0
	2009	17.5	15.8	12.6	19.0	16.7
	2010	15.2	12.4	11.0	15.7	14.1
	2011	14.5	12.7	10.1	15.1	13.5
	2012	13.3	11.7	9.0	14.7	12.6
	2013	11.1	10.8	9.8	14.0	11.7
	2014	11.8	10.1	10.1	12.6	11.4
	2015	10.0	8.4	7.6	9.1	9.0
	2016	9.8	8.9	7.4	8.3	8.7
	2017	9.7	8.8	7.5	5.9	8.2

PREVENTABLE HOSPITALIZATIONS AGE <19 BENCHMARK = 7.2/1,000 POP.						
POPULATION	CY	EASTERN	CENTRAL	WESTERN	SOUTHWEST	STATE
	2018	10.6	8.2	8.2	5.8	8.5
	2019	12.4	9.6	9.5	1.2	8.5
	2020	8.1	5.8	6.5	4.6	6.5
<i>Change from 2001 to 2020</i>		<i>-45.6%</i>	<i>-61.3%</i>	<i>-46.3%</i>	<i>-76.2%</i>	<i>-59.6%</i>

CHANGE FROM 2001 TO 2020	EASTERN	CENTRAL	WESTERN	SOUTHWEST	STATE
CHIP	-23.2%	-47.7%	23.9%	-68.6%	-43.6%
Non-MO HealthNet	-45.0%	-39.3%	-36.0%	-57.4%	-44.8%
MO HealthNet	-45.6%	-61.3%	-46.3%	-76.2%	-59.6%

ASTHMA HOSPITALIZATIONS AGE <19 BENCHMARK = .88/1,000 POP.						
POPULATION	CY	EASTERN	CENTRAL	WESTERN	SOUTHWEST	STATE
CHIP	2001	3.0	1.8	2.3	1.3	2.1
	2002	2.5	1.8	2.9	1.2	1.9
	2003	2.9	1.3	2.7	1.6	2.1
	2004	2.9	1.2	1.6	1.2	1.8
	2005	2.6	0.8	1.6	1.0	1.6
	2006	2.3	1.0	2.3	0.9	1.6
	2007	3.5	0.7	1.9	0.8	1.9
	2008	4.6	1.4	2.1	1.3	2.4
	2009	4.8	1.8	3.2	1.6	2.9
	2010	3.6	1.0	1.6	1.2	2.0
	2011	4.0	0.5	1.6	1.0	2.0
	2012	4.0	0.7	2.0	1.2	2.1
	2013	2.1	0.5	2.4	0.9	1.6
	2014	2.9	0.8	1.7	1.1	1.7
	2015	2.5	0.7	1.9	0.6	1.5
	2016	1.3	0.3	1.0	0.4	0.8
	2017	1.4	0.5	1.4	0.7	1.0

ASTHMA HOSPITALIZATIONS AGE <19 BENCHMARK = .88/1,000 POP.						
POPULATION	CY	EASTERN	CENTRAL	WESTERN	SOUTHWEST	STATE
	2018	1.5	0.5	0.8	0.6	0.9
	2019	2.6	0.9	1.2	0.5	1.4
	2020	1.0	0.4	0.6	0.1	0.6
<i>Change from 2001 to 2020</i>		<i>-66.7%</i>	<i>-77.8%</i>	<i>-73.9%</i>	<i>-92.3%</i>	<i>-71.4%</i>
<b>Non-MO HealthNet</b>	2001	1.1	0.7	1.0	0.7	0.9
	2002	1.2	0.8	0.8	0.8	1.0
	2003	1.1	0.8	1.0	0.7	0.9
	2004	1.3	1.1	0.7	0.9	1.0
	2005	1.3	0.6	1.0	0.8	1.0
	2006	1.2	0.8	0.9	0.7	1.0
	2007	1.2	0.6	0.9	0.7	0.9
	2008	1.4	0.7	0.7	0.7	1.0
	2009	1.1	0.7	0.6	0.6	0.8
	2010	1.2	0.5	0.6	0.6	0.9
	2011	1.1	0.4	0.6	0.5	0.7
	2012	1.2	0.4	0.9	0.6	0.9
	2013	0.9	0.6	0.7	0.4	0.7
	2014	1.1	0.6	0.9	0.6	0.9
	2015	0.9	0.5	0.6	0.5	0.7
	2016	0.6	0.4	0.6	0.3	0.5
	2017	0.6	0.5	0.6	0.3	0.5
	2018	0.8	0.5	0.8	0.3	0.6
	2019	0.7	0.4	0.6	0.2	0.6
	2020	0.3	0.2	0.3	0.1	0.2
<i>Change from 2001 to 2020</i>		<i>-72.7%</i>	<i>-71.4%</i>	<i>-70.0%</i>	<i>-85.7%</i>	<i>-77.8%</i>
<b>MO HealthNet</b>	2001	4.9	2.9	3.2	2.9	3.6
	2002	5.3	3.2	3.6	3.0	3.9
	2003	5.3	2.7	3.1	2.8	3.7
	2004	5.0	2.3	2.5	2.7	3.4
	2005	4.6	2.6	3.0	2.1	3.2
	2006	5.0	3.1	3.0	2.3	3.4
	2007	5.0	2.3	2.9	2.5	3.4

**ASTHMA HOSPITALIZATIONS AGE <19**  
**BENCHMARK = .88/1,000 POP.**

POPULATION	CY	EASTERN	CENTRAL	WESTERN	SOUTHWEST	STATE
	2008	5.6	2.0	2.8	2.0	3.4
	2009	5.2	2.4	3.4	2.3	3.5
	2010	4.8	2.0	2.6	2.0	3.0
	2011	4.9	1.9	2.3	1.8	2.9
	2012	4.4	1.9	2.6	1.8	2.9
	2013	3.1	1.7	2.7	1.7	2.4
	2014	3.9	2.1	3.3	2.0	3.0
	2015	2.9	1.3	2.1	1.4	2.0
	2016	3.1	1.4	1.7	1.2	1.9
	2017	2.9	1.4	1.8	0.7	1.8
	2018	3.2	1.2	2.0	0.7	1.9
	2019	3.3	1.3	2.0	0.1	1.7
	2020	1.5	0.7	1.0	0.4	0.9
<i>Change from 2001 to 2020</i>		<i>-69.4%</i>	<i>-75.9%</i>	<i>-68.8%</i>	<i>-86.2%</i>	<i>-75.0%</i>

CHANGE FROM 2001 TO 2020	EASTERN	CENTRAL	WESTERN	SOUTHWEST	STATE
CHIP	-66.7%	-77.8%	-73.9%	-92.3%	-71.4%
Non-MO HealthNet	-72.7%	-71.4%	-70.0%	-85.7%	-77.8%
MO HealthNet	-69.4%	-75.9%	-68.8%	-86.2%	-75.0%

**EMERGENCY DEPARTMENT VISITS AGE <19**  
**BENCHMARK = 290/1,000 POP.**

POPULATION	CY	EASTERN	CENTRAL	WESTERN	SOUTHWEST	STATE
CHIP	2001	490.1	497.3	471.6	531.9	506.1
	2002	525.9	496.8	467.8	517.9	508.1
	2003	511.0	521.9	465.8	590.0	508.7
	2004	403.2	467.2	381.3	453.2	426.2
	2005	436.3	467.8	390.7	459.8	439.8
	2006	478.9	528.9	421.4	490.7	477.1
	2007	517.3	516.3	467.8	487.5	495.2

**EMERGENCY DEPARTMENT VISITS AGE <19**  
**BENCHMARK = 290/1,000 POP.**

POPULATION	CY	EASTERN	CENTRAL	WESTERN	SOUTHWEST	STATE
	2008	562.8	526.8	539.4	524.6	539.1
	2009	638.0	525.3	571.5	587.5	589.8
	2010	576.1	459.2	485.0	513.6	518.4
	2011	501.9	465.0	432.0	484.7	475.6
	2012	535.6	456.0	447.5	467.8	481.6
	2013	486.0	421.6	400.9	406.7	431.4
	2014	456.2	407.7	385.5	359.9	402.0
	2015	433.6	416.7	366.7	343.5	387.4
	2016	356.9	359.4	310.6	270.5	319.0
	2017	388.2	348.8	298.3	210.6	322.0
	2018	422.0	313.8	289.7	226.1	322.6
	2019	475.9	349.2	347.8	244.1	364.3
	2020	281.8	261.0	378.9	164.3	274.1
<i>Change from 2001 to 2020</i>		<i>-42.5%</i>	<i>-47.5%</i>	<i>-19.7%</i>	<i>-69.1%</i>	<i>-45.8%</i>
<b>Non-MO HealthNet</b>	2001	256.6	244.9	296.3	259.9	265.0
	2002	263.4	251.4	284.4	255.6	264.7
	2003	265.3	253.1	281.8	256.9	245.1
	2004	244.6	271.4	265.6	276.6	260.4
	2005	243.9	268.5	248.1	258.4	251.0
	2006	231.1	252.4	238.7	251.5	240.3
	2007	232.5	236.2	233.4	253.5	238.9
	2008	227.7	226.3	234.6	309.9	247.1
	2009	209.7	211.6	208.2	271.9	223.8
	2010	196.4	182.0	189.0	226.0	199.7
	2011	214.0	196.9	226.0	250.3	223.1
	2012	222.9	192.9	230.1	230.1	222.3
	2013	205.1	190.5	204.9	198.7	201.6
	2014	205.2	216.7	211.6	191.7	204.9
	2015	249.2	279.0	259.1	248.2	255.2
	2016	230.1	246.4	245.4	190.8	226.3
	2017	252.4	245.9	226.9	177.2	234.8
	2018	263.2	241.3	211.1	172.3	232.9

EMERGENCY DEPARTMENT VISITS AGE <19 BENCHMARK = 290/1,000 POP.						
POPULATION	CY	EASTERN	CENTRAL	WESTERN	SOUTHWEST	STATE
	2019	262.2	239.9	240.7	181.1	240.8
	2020	160.5	168.0	274.5	122.3	185.1
<i>Change from 2001 to 2020</i>		<i>-37.5%</i>	<i>-31.4%</i>	<i>-7.4%</i>	<i>-52.9%</i>	<i>-30.2%</i>
MO HealthNet	2001	642.4	704.4	628.4	709.9	671.0
	2002	674.9	710.0	581.7	708.6	673.2
	2003	691.3	754.9	618.1	737.8	700.7
	2004	596.3	700.9	557.1	654.1	620.5
	2005	602.1	765.1	570.7	688.0	662.5
	2006	696.9	775.2	575.4	697.4	680.2
	2007	709.8	769.4	623.6	719.6	702.0
	2008	717.6	727.6	711.6	703.8	713.4
	2009	791.6	735.1	754.3	770.2	769.1
	2010	740.8	654.7	666.6	684.8	695.0
	2011	703.9	659.0	632.5	730.8	690.5
	2012	747.8	658.6	659.2	670.1	691.6
	2013	703.3	625.7	601.5	595.8	636.9
	2014	697.1	649.3	603.5	566.4	629.3
	2015	612.0	586.7	532.2	486.2	551.1
	2016	639.1	631.5	539.2	496.7	571.1
	2017	646.4	583.8	521.3	420.9	559.7
	2018	616.9	517.1	481.2	393.0	518.6
	2019	733.9	630.8	601.7	76.0	529.0
	2020	408.0	370.5	465.9	277.6	385.9
<i>Change from 2001 to 2020</i>		<i>-36.5%</i>	<i>-47.4%</i>	<i>-25.9%</i>	<i>-60.9%</i>	<i>-42.5%</i>

CHANGE FROM 2001 TO 2020	EASTERN	CENTRAL	WESTERN	SOUTHWEST	STATE
CHIP	-42.5%	-47.5%	-19.7%	-69.1%	-45.8%
Non-MO HealthNet	-37.5%	-31.4%	-7.4%	-52.9%	-30.2%
MO HealthNet	-36.5%	-47.4%	-25.9%	-60.9%	-42.5%

**ASTHMA EMERGENCY DEPARTMENT VISITS AGE <19**  
**BENCHMARK = 10.8/1,000 POP.**

POPULATION	CY	EASTERN	CENTRAL	WESTERN	SOUTHWEST	STATE
CHIP	2001	17.7	5.1	13.5	7.8	11.4
	2002	19.5	11.5	17.4	8.2	13.3
	2003	18.4	6.6	17.5	8.3	12.3
	2004	15.7	5.6	12.0	6.5	10.1
	2005	18.5	6.8	11.8	7.1	11.3
	2006	19.9	8.1	13.7	6.3	11.9
	2007	20.8	5.4	16.0	6.2	12.4
	2008	22.6	7.2	18.3	5.5	13.4
	2009	25.8	7.7	17.0	8.7	15.4
	2010	23.5	6.8	16.0	7.5	14.1
	2011	21.1	6.3	13.4	6.5	12.4
	2012	23.8	6.6	16.0	7.1	13.9
	2013	23.2	6.0	13.5	5.8	12.7
	2014	23.6	6.3	12.7	5.2	12.6
	2015	18.6	7.7	12.9	4.1	11.1
	2016	13.0	4.9	7.8	2.6	7.2
	2017	12.0	4.3	6.9	2.2	6.7
	2018	11.5	2.7	6.8	1.6	6.0
	2019	13.4	3.4	5.6	1.9	6.5
	2020	4.3	3.3	5.5	1.7	3.8
Change from 2001 to 2020		-75.7%	-35.3%	-59.3%	-78.2%	-66.7%
Non-MO HealthNet	2001	6.6	3.0	6.0	3.3	5.2
	2002	6.9	2.9	6.1	3.3	5.4
	2003	6.6	2.8	5.5	3.2	5.1
	2004	6.9	3.2	5.1	3.5	5.3
	2005	6.8	3.1	4.8	2.8	5.0
	2006	6.2	3.1	4.9	3.1	4.8
	2007	5.7	2.5	5.0	3.1	4.5
	2008	6.1	2.7	4.4	3.1	4.6
	2009	5.8	2.9	3.8	2.5	4.2
	2010	5.6	2.3	4.1	2.6	4.1
	2011	5.8	2.6	4.8	2.8	4.4

**ASTHMA EMERGENCY DEPARTMENT VISITS AGE <19**  
**BENCHMARK = 10.8/1,000 POP.**

POPULATION	CY	EASTERN	CENTRAL	WESTERN	SOUTHWEST	STATE
	2012	6.5	2.3	5.8	2.9	4.9
	2013	6.0	2.4	4.6	2.1	4.3
	2014	6.6	3.0	5.1	2.6	4.8
	2015	6.6	3.3	5.8	2.6	5.0
	2016	4.6	2.3	4.1	1.6	3.5
	2017	4.4	2.1	3.5	1.5	3.3
	2018	4.9	2.3	3.2	1.4	3.4
	2019	4.9	2.4	3.8	1.4	3.6
	2020	2.0	1.4	2.5	0.7	1.8
<i>Change from 2001 to 2020</i>		<i>-69.7%</i>	<i>-53.3%</i>	<i>-58.3%</i>	<i>-78.8%</i>	<i>-65.4%</i>
<b>MO HealthNet</b>	2001	28.1	10.7	22.8	9.7	18.5
	2002	31.0	11.9	22.9	10.6	19.9
	2003	28.0	11.6	20.2	9.7	18.0
	2004	25.0	9.9	17.6	8.9	16.0
	2005	26.5	11.1	17.8	8.8	16.6
	2006	30.1	11.2	17.1	8.2	17.3
	2007	28.1	11.2	18.7	8.6	17.2
	2008	28.1	9.4	17.9	7.9	16.9
	2009	29.0	11.0	18.9	8.2	17.7
	2010	30.0	10.2	21.0	8.6	18.5
	2011	29.0	9.4	19.0	8.9	17.8
	2012	30.7	10.2	22.2	9.0	19.3
	2013	28.9	9.2	19.4	7.3	17.5
	2014	30.3	11.1	21.2	7.9	18.7
	2015	24.7	10.3	17.2	6.2	15.2
	2016	22.3	9.6	14.7	6.1	13.8
	2017	20.0	7.7	15.6	4.1	12.8
	2018	19.5	6.4	12.4	3.6	11.4
	2019	16.8	6.7	11.2	3.6	10.3
	2020	9.1	4.3	8.1	2.4	6.3
<i>Change from 2001 to 2020</i>		<i>-67.6%</i>	<i>-59.8%</i>	<i>-64.5%</i>	<i>-75.3%</i>	<i>-65.9%</i>

CHANGE FROM 2001 TO 2020	EASTERN	CENTRAL	WESTERN	SOUTHWEST	STATE
CHIP	-75.7%	-35.3%	-59.3%	-78.2%	-66.7%
Non-MO HealthNet	-69.7%	-53.3%	-58.3%	-78.8%	-65.4%
MO HealthNet	-67.6%	-59.8%	-64.5%	-75.3%	-65.9%

## APPENDIX 5 : DMH- DSS WRAPAROUND SERVICE CODES AND TITLES

REVIEW PERIOD: JANUARY 1, 2021 – DECEMBER 31, 2021

### WRAPAROUND SERVICES (FOR CHILDREN WITH SED AND THOSE AFFECTED BY SUBSTANCE ABUSE)

PROCEDURE CODE	DESCRIPTION
H0036	Community Support
H0036 CR	Community Support (Catastrophe/Disaster Related)
H0038 HA	Family Support: Child/Adolescent
H0038 HA CR	Family Support: Child/Adolescent (Catastrophe/Disaster Related)
H0045 HA	Respite not-in-home
H2022 HA	Wrap Around Services: Youth
H2023HK	Supported Employment (Specialized mental health programs for high-risk populations)
T1016	Case Management (Physician)
T1016 AF	Case Management (Child Psychiatrist)
T1016 AH	Case Management (Licensed Psychologist)
T1016 HN	Case Management (Bachelor Level)
T1016 HN CR	Case Management (Bachelor Level) (Catastrophe/Disaster Related)
T1016 HO	Case Management (Licensed QMHP)
T1016 HO CR	Case Management (Licensed QMHP) (Catastrophe/Disaster Related)
T1016 HO TG	Case Management (SLF QMHP)
T1017 HA HN	Targeted Case Management: TCM Youth (Bachelor Level)
T1017 HA HN CR	Targeted Case Management: TCM Youth (Bachelor Level) (Catastrophe/Disaster Related)
T1017 HA HO	Targeted Case Management: TCM Youth (Master's Level)